

AIR FILTERS NEED EXTRA ATTENTION

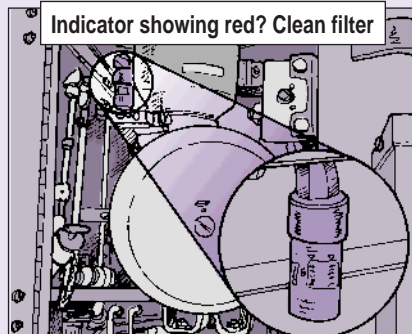
Operators, the new DEUCE is a real workhorse for preparing airstrips, roads and defensive positions. In a nutshell, it likes to move dirt and lots of it.

To keep your DEUCE on the job, get real familiar with TM 5-2430-200-10 for sure, but also heed these PM tips for smooth airflow through the DEUCE's air filters.

Air Filter Brush Off

A clean air filter element is crucial, especially in dusty areas. Keep an eye on the air cleaner restriction indicator next to the canister. If the indicator moves from yellow to red, open the

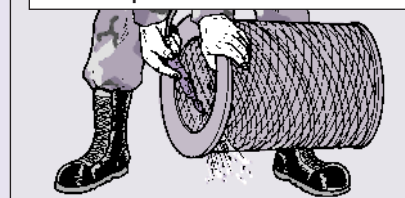
canister and pull out the air filters. The secondary filter is inside the primary.



Use low-pressure air—30 psi or less—from inside to outside to loosen dirt and sand from the primary air filter element. Never bang the filter on a hard surface. That damages it. Replace

the primary air filter element once a year, or after six cleanings.

Blow low-pressure air from inside to out



When the earthmover's secondary filter gets clogged, replace it. Here's how to tell if it's clogged:

* After installing a clean or new primary filter element, the restriction indicator moves into the red zone—or you see black exhaust—when you start the engine.

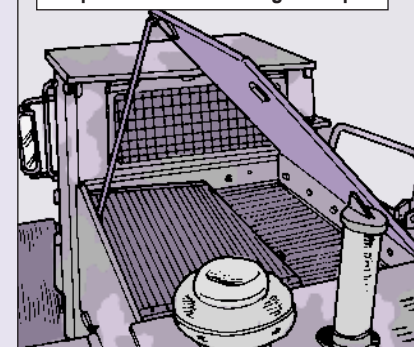
* If you've reset the indicator and it stays in the red zone after installing a new or clean primary filter element.

Clean Radiator Fins

To keep the DEUCE running cool, the radiator fins need to be cleaned, too.

Use the prop rod to keep the radiator guard open. Look for leaves, dirt, and trash wedged between the radiator's fins. Clean the fins **only** with low-pressure water and low-pressure air.

Prop rod holds radiator guard open



Check fins for leaves, dirt, foreign matter



TO KEEP YOUR DEUCE PLOWING FULL TILT, IT NEEDS TO BREATHE. THAT MEANS PAYING ATTENTION TO ITS AIR FILTER.



And while you're at it, look for bent cooling fins. Bent fins stop airflow through the radiator and can cause both the engine and transmission to over-heat. You can keep the fins straight by keeping feet, tools and other weighty things off them.

Once the fins are cleaned and the radiator guard is back in place, make sure items like camouflage netting and duffel bags are kept off the radiator's air intake grills. They can also restrict airflow.

Cab Air System

The filter elements for the vehicle's cab air system are under the operator's

seat. Regardless of how dirty the worksite conditions are, the cab air system keeps air inside the cab clean

Keep any tools and chains, duffel bags, hats or gloves away from air inlets. They restrict the free flow of air to the filters. When there's a loss of air circulation inside the cab, eyeball the inlets for obstructions.

